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Item	SAI#	Applicant	Project Title		Funding			sitions	
		PP 150 C		Federal	State	Other	Federal	State	Other
New Bu	siness	_							
	None								
Continu	ied	_							
1	<u>2576</u>	Judicial, Administrative Office of the Courts - Non-Judicial Services, Child Death Review Commission	Parent Education Abusive Head Trauma Program	\$30,000	\$6,000	\$0	0.00	0.06	0.00
2	<u>2583</u>	Legal, Office of the Attorney General	Victims Compensation Assistance	\$776,000	\$0	\$0	0.00	0.00	0.00
3	<u>2574</u>	Department of Health and Social Services, Public Health, Community Health	Primary Care Services Resource Coordination and Development	\$155,998	\$0	\$0	1.50	0.00	0.00
4	<u>2575</u>	Department of Health and Social Services, Public Health, Community Health	Behavioral Risk Factor Surveillance System	\$344,333	\$0	\$0	0.00	0.00	0.00
5	<u>2578</u>	Department of Health and Social Services, Public Health, Community Health	Tobacco Control and Prevention	\$684,184	\$0	\$0	5.00	0.00	0.00
6	<u>2579</u>	Department of Health and Social Services, Public Health, Community Health	Title X Family Planning Services	\$1,102,000	\$645,657	\$0	4.25	5.50	0.00
7	<u>2581</u>	Department of Health and Social Services, Public Health, Community Health	Women, Infants and Children Farmers' Market Nutrition Program	\$278,930	\$19,403	\$5,000	0.00	0.20	0.00
8	<u>2601</u>	Department of Health and Social Services, Administration, Office of the Secretary	State Innovation Model Testing	\$11,531,082	\$0	\$0	0.00	0.00	0.00
9	2009-08-18-05 Amendment 4	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Acquisition of Lands of Delaware Technical Community College Fund	\$2,153,793	\$855,963	\$1,000	0.00	0.00	0.00
10	<u>2557</u>	Department of Natural Resources and Environmental Control, Office of Natural Resources, Fish and Wildlife	Atlantic Flyway Canada Goose Cooperative Research and Survey Program	\$14,560	\$4,853	\$0	0.00	0.00	0.00
11	<u>2571</u>	Department of Natural Resources and Environmental Control, Office of the Secretary, Coastal Programs	Delaware 309 Project of Special Merit	\$164,123	\$0	\$0	0.58	0.00	0.00
12	2015-12-14-01	Sussex Academy	Furniture, Fixtures and Equipment for New Middle School Classrooms	\$50,000	\$0	\$130,000	0.00	0.00	0.00
I li ala an i	Education								
Higher	Education	_							
1	2016-02-06-01	HE/University of Delaware	UD-ALCON Investigation of Transport of Various Drugs in the Eye	\$0	\$0	\$175,212			
2	2016-02-06-02	HE/University of Delaware	Hydrogeology Support Lab (Core D)	\$0	\$0	\$21,017			
_			7 - 3	40	43	+- .,•			
3	2016-02-06-03	HE/University of Delaware	Delaware Geological Survey National Ground-Water Monitoring Network Groundwater Level and Quality Data, Delaware	\$20,978	\$0	\$0			

Item	SAI#	Applica	nt Project Title	Federal	Funding State	Other	Positions Federal State Other
4	2016-02-06-04	HE/University of Delaware	JHU / ARO Minimal Agent-Based Models and Passive Warning Systems in Evacuating Crowds	\$0	\$0	\$37,871	
5	2016-02-06-05	HE/University of Delaware	Ship Support	\$124,674	\$0	\$0	
6	2016-02-06-06	HE/University of Delaware	Synthesis of Glucose-Oxime Conjugates for GLUT-Facilitated Transport of Reactivators Across the Blood Brain Barrier (Log No. 13232004)	\$19,270	\$0	\$0	
7	2016-02-06-07	HE/University of Delaware	Can Clinical Measures Predict Real-World Walking Performance in Adults with Transtibial Amputations?	\$0	\$0	\$22,727	
8	2016-02-06-08	HE/University of Delaware	PDCE/DASL will support the NASSP in implementation of a grant from the Wallace foundation to coordinate PPLCs in national convenings in March and October 016.	\$0	\$0	\$13,043	
9	2016-02-06-09	HE/University of Delaware	Mitochondrial Oxidative Stress and Cardiovascular Health in Chronic Kidney Disease	\$0	\$0	\$102,550	
10	2016-02-06-10	HE/University of Delaware	MRI: Acquisition of a Field Emission Environmental Scanning Electron Microscope (FE-ESEM)	\$507,179	\$0	\$0	
11	2016-02-06-11	HE/University of Delaware	MRI: Development of a System For Low Temperature Optical Measurement of 3D Magnon, Plasmon and Spin Torque Transfer Dynamics	\$526,143	\$0	\$0	
12	2016-02-06-12	HE/University of Delaware	Closing The Gap Between Record Small-Area CIGS Devices and Modules KF Post-Deposition Treatments in CIGS Solar Cell Manufacturing Using IN-SITU PL	\$0	\$0	\$192,308	
13	2016-02-06-13	HE/University of Delaware	Longitudinal Effects of Sleep on the American Heart Association's "Simple 7" and Cardiovascular Disease Outcomes	\$0	\$0	\$139,936	
14	2016-02-06-14	HE/University of Delaware	AHA PREDOC Fellowship RAMICK 16	\$0	\$0	\$51,900	
15	2016-02-06-15	HE/University of Delaware	DMREF: Collaborative Research: SOFTCOLL: Multiscale Design of Multi-Functional Responsive SOFT COLLoidal Systems With Hierarchical Structure	\$343,431	\$0	\$0	
16	2016-02-06-16	HE/University of Delaware	Collaborative Research: Thermodynamic and Field Studies of Layered Fe(II)-Hydroxide Precipitation in Riparian Soils	\$183,406	\$0	\$0	
17	2016-02-06-17	HE/University of Delaware	University of Delaware: I/UCRC for the Advanced Mammalian Biomanufacturing Innovation Center (AMBIC)	\$494,226	\$0	\$0	
18	2016-02-06-18	HE/University of Delaware	NSF ERP Signatures of Attachment Height Variations in English and Spanish Hestvik & Ramirez	\$7,400	\$0	\$0	

Item	SAI#		Applicant	Project Title	Federal	Funding State	Other	Positions Federal State Other
19	2016-02-06-19	HE/University of Delaware		Imagination In and By Organizations	\$0	\$0	\$5,000	rodordi Oddo Odnor
20	2016-02-06-20	HE/University of Delaware		Immune and Metabolic Kinome Analysis of Chicken and Bovine to Study Mechanism of Action of Feed Enzymes and Disease	\$0	\$0	\$212,765	
21	2016-02-06-21	HE/University of Delaware		Health Investments and Long-Term Education Outcomes	\$0	\$0	\$21,902	
22	2016-02-06-22	HE/University of Delaware		Neural Correlates and Predictors of Intervention-Specific Motor Learning Via Combination of Haptics and Neuroimaging	\$0	\$0	\$209,889	
23	2016-02-06-23	HE/University of Delaware		Development, Validation and Implementation of an Impact Behavior Model for Ceramic Matrix Composites in LS-Dyna	\$0	\$0	\$1,132,918	
24	2016-02-06-24	HE/University of Delaware		Effects of Sleep Expansion on Cardiovascular Disease Risk Factors in Insufficient Sleep	\$0	\$0	\$9,302	
25	2016-02-06-25	HE/University of Delaware		Intra-Articular Delivery of Liposomal-Encapsulated Zoledronic Acid: A Bi-Functional Platform for the Prevention of Post-Traumatic Osteoarthritis	\$0	\$0	\$99,999	
26	2016-02-06-26	HE/University of Delaware		Enhancing Capacity to Manage Marine Areas Beyond National Jurisdiction on an Ecosystem Basis Supplement	\$0	\$0	\$30,683	
27	2016-02-06-27	HE/University of Delaware		Comprehensive Assessment of the Distribution, Abundance, Timing and Habitat Affiliations of Migratory Birds During Spring and Fall on the U.S. Coast of the Gulf of Mexico	\$0	\$0	\$61,634	
28	2016-02-06-28	HE/University of Delaware		Practicing Safety Mindfulness Project for Mothers in Drug Treatment	\$0	\$0	\$16,000	
29	2016-02-06-29	HE/University of Delaware		Mitochondria Derived Oxidative Stress and Exercise Capacity in Chronic Kidney Disease	\$0	\$0	\$10,000	
30	2016-02-06-30	HE/University of Delaware		Invariants of Incidence Matrices, Difference Sets and Association Schemes	\$0	\$0	\$30,000	
31	2016-02-06-31	HE/University of Delaware		Georgia Tech Service Agreement LI 16	\$0	\$0	\$2,168	
32	2016-02-06-32	HE/University of Delaware		NEH Preservation and Access Education and Training Proposal: Winterthur/University of Delaware	\$175,000	\$0	\$0	
33	2016-02-06-33	HE/University of Delaware		NSF MRI: Acquisition of Large-Genome Scale Long-Read DNA Sequencing Technology at the University of Delaware	\$493,916	\$0	\$0	

Item	SAI#		Applicant	Project Title		Funding		Positions
nem	JAI#		Applicant	Project rule	Federal	State	Other	Federal State Other
34	2016-02-06-34	HE/University of Delaware		DMREF: Collaborative Research: Theory-Informed Design and Synthesis of Small-Domain Spacing Block Copolymers: Optimizing Macromolecular Architecture for Nanotemplating Applications	\$344,027	\$0	\$0	
35	2016-02-06-35	HE/University of Delaware		DMREF: Collaborative Research: Van der Waals Heterostructures For Next-Generation Spintronics	\$772,921	\$0	\$0	
36	2016-02-06-36	HE/University of Delaware		Shipboard Scientific Support Equipment CY16	\$253,200	\$0	\$0	
37	2016-02-06-37	HE/University of Delaware		XPS:FULL:Collaborative Research: Beyond HPC: Self-Aware Extreme Parallelism and Scalability	\$392,952	\$0	\$0	
38	2016-02-06-38	HE/University of Delaware		Parkinson's Disease Telehealth Clinic	\$0	\$0	\$32,000	
39	2016-02-06-39	HE/University of Delaware		Best Practices, Research Strategies, and Historic Trends in Dissemination and Implementation of Evidence-Based Psychological Interventions for Youth: A Systematic Review	\$0	\$0	\$50,000	
40	2016-02-06-40	HE/University of Delaware		Novel Multi-scale/Multi-physics Integrated Tool for the Prediction of Manufacturing-Induced Defects in Autoclave Composite Airframe Parts	\$0	\$0	\$197,934	
41	2016-02-06-41	HE/University of Delaware		DMREF: Collaborative Research: Interface-promoted Assembly and Disassembly Processes for Rapid Manufacture and Transport of Complex Hybrid Nanomaterials	\$478,984	\$0	\$0	
42	2016-02-06-42	HE/University of Delaware		Overcoming Metastatic TNBC with Wnt Inhibitory Nanoparticles	\$0	\$0	\$250,000	
43	2016-02-06-43	HE/University of Delaware		2016 American Councils DOS ECA National Security Language Initiative for Youth-Short Term Summer Programs in China	\$0	\$0	\$248,226	
44	2016-02-06-44	HE/University of Delaware		Downscaling Framework For Remotely Sensed Soil Moisture Based on Terrain Parameters	\$341,359	\$0	\$0	
45	2016-02-06-45	HE/University of Delaware		DMREF: Collaborative Research: Computationally Guided Design of Advanced Electrochemical Devices	\$314,735	\$0	\$0	
46	2016-02-06-46	HE/University of Delaware		Air Force Military Camp 2016	\$0	\$0	\$60,225	
47	2016-02-06-47	HE/University of Delaware		Biogeochemical Fate and Stability of Fe-Ca-Organic Matter Complexes	\$442,017	\$0	\$0	
48	2016-02-06-48	HE/University of Delaware		College Ready Writers Program	\$0	\$0	\$18,182	

Item	SAI#	Applica	ant Project Title		Funding		Positions
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49	2016-02-06-49	HE/University of Delaware	Creating Workforce Ready Students That Develop Transferable, Interactive Software Designed to Encourage Free-Choice Learning at National Estuarine Research Reserves	\$0	\$0	\$19,472	
50	2016-02-06-50	HE/University of Delaware	Navigating Cancer Differential Networks for Tumor-Specific Therapy	\$0	\$0	\$500,000	
51	2016-02-06-51	HE/University of Delaware	Attribute-Enabled Authentication for Things	\$0	\$0	\$49,233	
52	2016-02-06-52	HE/University of Delaware	DMREF: Collaborative Research: Bulk and Heterointerface Electronic Defect Structure in Wide-Bandgap Polycrystalline Thin-Film Semiconductors	\$441,465	\$0	\$0	
53	2016-02-06-53	HE/University of Delaware	Market Participation, Testing, and Evaluation of Aggregated Grid-Integrated Vehicles	\$0	\$0	\$231,615	
54	2016-02-06-54	HE/University of Delaware	Delaware Community Health Education and Service Learning Initiative (DCHEI)	\$0	\$0	\$227,142	
55	2016-02-06-55	HE/University of Delaware	Shear Thickening Fluid Enhanced Textiles for Durable, Puncture- and Cut-Resistant Environmental Protection Garments	\$0	\$0	\$29,297	
56	2016-02-06-56	HE/University of Delaware	Wilmington Flower Market	\$0	\$0	\$10,000	
57	2016-02-06-57	HE/University of Delaware	Coteaching Huddles: An Instructional Approach to Support Candidates' Development of Adaptive Teaching Expertise During Student Teaching	\$0	\$0	\$46,913	
58	2016-02-06-58	HE/University of Delaware	Design and Fabrication of Highly Linear Electro-optic Modulators	\$0	\$0	\$124,088	
59	2016-02-06-59	HE/University of Delaware	Real-time Intrusion Detection Using Distributed Data Mining and Machine Learning Techniques for HPC Cyber-Security	\$0	\$0	\$49,171	
60	2016-02-06-60	HE/University of Delaware	Towards Energy Safety for Cyber-Physical Systems	\$0	\$0	\$49,191	
61	2016-02-06-61	HE/University of Delaware	Cybersecurity State Information Exchange	\$0	\$0	\$49,159	
62	2016-02-06-62	HE/University of Delaware	UMd/MITRE FFRDC Building Trustworthy Cyber Physical Systems with Untrusted Devices YANG	\$0	\$0	\$49,520	
63	2016-02-06-63	HE/University of Delaware	An Online Transactions Model to Achieve Security: Comparable to In- Person Cash Transactions	\$0	\$0	\$49,158	

Item	SAI#		Applicant	Project Title	Federal	Funding State	Other	Positions Federal State Other
64	2016-02-06-64	HE/University of Delaware		NRT-IGE: Cultivating an Underutilized National Resource in Graduation Education: Partnering with National Laboratories	\$0	\$0	\$20,385	
65	2016-02-06-65	HE/University of Delaware		Understanding Catalytic C-O and C-C Bond Activation in Lignin Depolymerization.	\$391,503	\$0	\$0	
66	2016-02-06-66	HE/University of Delaware		Simons Collaboration Grant 2016	\$0	\$0	\$30,000	
67	2016-02-06-67	HE/University of Delaware		Expanding Collaborative Efforts on Planar Functions and Projective Planes	\$0	\$0	\$30,000	
68	2016-02-06-68	HE/University of Delaware		Teacher Leaders	\$0	\$0	\$5,000	
69	2016-02-06-69	HE/University of Delaware		Center of Biomedical Research Excellence in Cardiovascular Health	\$7,500,000	\$0	\$0	
70	2016-02-06-70	HE/University of Delaware		Water Resource Center FY 2016	\$92,335	\$0	\$0	
71	2016-02-06-71	HE/University of Delaware		Examining the Capacity of P. Capcisi to Spread Through Soybean	\$0	\$0	\$5,000	
72	2016-02-06-72	HE/University of Delaware		Magnetic Resonance Elastography and Diffusion Tensor Imaging of the Brain	\$0	\$0	\$14,768	
73	2016-02-06-73	HE/University of Delaware		Genomics of Subsurface Archaea From the Costa Rica Margin	\$0	\$0	\$51,282	
74	2016-02-06-74	HE/University of Delaware		PFI:BIC: Building a Smart System to Support Healthy Dietary Choices in Communities by Leveraging Cloud, Mobile and Big Data Analytics Technologies	\$653,959	\$0	\$0	
75	2016-02-06-75	HE/University of Delaware		Probing the Electrode-Ionic Liquid Interface During Electrochemical Reduction of Carbon Dioxide	\$393,246	\$0	\$0	
76	2016-02-06-76	HE/University of Delaware		Algebraic Constructions of Dense Graphs With Forbidden Cycle Lengths	\$0	\$0	\$18,000	
77	2016-02-06-77	HE/University of Delaware		Matrix Positivity Preservers	\$0	\$0	\$30,000	
78	2016-02-06-78	HE/University of Delaware		Therapeutic Intervention and Prefrontal Cortex Plasticity in FASD Animal Model	\$1,552,875	\$0	\$0	

Item	SAI#	Λ	Applicant	Project Title		Funding		Positions
nem	3AI#	A	Applicant	Project Title	Federal	State	Other	Federal State Other
79	2016-02-06-79	HE/University of Delaware		Adapting Attachment and Biobehavioral Catch-up for Birth Parents Involved in the Child Welfare System	\$0	\$0	\$100,340	
80	2016-02-06-80	HE/University of Delaware		RII Track-2 FEC: Improving Efficiency of Clean Energy-Food-Water Nexus in Plant Nutrient Cycle	\$0	\$0	\$941,721	
81	2016-02-06-81	HE/University of Delaware		Johns Hopkins University Applied Physics Lab/ Department of Homeland Security Compressive Colored Raman Imaging (CCRI) for Optical Standoff Explosive Detection Arce	\$0	\$0	\$64,103	
82	2016-02-06-82	HE/University of Delaware		Tracking Particles as the Potential Start of the Deep Biosphere	\$0	\$0	\$66,000	
83	2016-02-06-83	HE/University of Delaware		Ocean Melting of Petermann Glacier, Greenland from Operation IceBridge and a Subglacial Ocean Observatory	\$29,982	\$0	\$0	
84	2016-02-06-84	HE/University of Delaware		The Colored Conventions Project	\$0	\$0	\$150,000	
85	2016-02-06-85	HE/University of Delaware		Identifying Writing-Ability Profiles Using Automated Essay Evaluation Software	\$0	\$0	\$49,987	
86	2016-02-06-86	HE/University of Delaware		American Chemical Society Project Seed 2016	\$0	\$0	\$3,750	
87	2016-02-06-87	HE/University of Delaware		Reflex for Pumpkins: Does it Have a Fit?	\$0	\$0	\$3,000	
88	2016-02-06-88	HE/University of Delaware		Understanding Implementation Feasibility of Recommendations for Minimum Stocking Standards and Marketing Strategies for Small Retail Food Stores	\$0	\$0	\$62,837	
89	2016-02-06-89	HE/University of Delaware		ONR Additive Manufacturing of Multifunctional Composites Mirotznik	\$697,032	\$0	\$0	
90	2016-02-06-90	HE/University of Delaware		Effects of Systematic Extension of Sleep Duration on Cardiometabolic Health Risk Factors	\$0	\$0	\$53,695	
91	2016-02-06-91	HE/University of Delaware		Marianne Moore Digital Archive: Poetry and Reading Notebooks with Advanced Search Interface Digital Extension Grant with University of Buffalo	\$0	\$0	\$24,300	
92	2016-02-06-92	HE/University of Delaware		Simons Ghandehari	\$0	\$0	\$30,000	
93	2016-02-06-93	HE/University of Delaware		Sponsorship of 7th North American Duck Symposium	\$7,500	\$0	\$0	

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Item	SAI#	AF	орнсанс	Project Title	Federal	State	Other	Federal State Other
94	2016-02-06-94	HE/University of Delaware		Occurrence of Commercially Important and Endangered Fishes in Delaware and New Jersey Wind Energy Areas Using Acoustic Telemetry	\$465,570	\$0	\$0	
95	2016-02-06-95	HE/University of Delaware		Synergized Transformational Solar Chemical Looping and Photo- Ultrasonic Renewable Biomass Refinery for Sustainable Fuels, Foods and Water Resources	\$0	\$0	\$659,978	
96	2016-02-06-96	HE/University of Delaware		Cell-Based Therapy in Rag2-KO Minipig Model of Radiation-Induced Xerostomia	\$0	\$0	\$831,509	
97	2016-02-06-97	HE/University of Delaware		C-DEBI/NSF Request for Education and Outreach	\$0	\$0	\$34,966	
98	2016-02-06-98	HE/University of Delaware		Selenoproteins in the ER-Associated Protein Degradation Pathway	\$900,000	\$0	\$0	
99	2016-02-06-99	HE/University of Delaware		Developing and Piloting a Mindfulness-Based Parenting Program for Families in an Early Learning Setting: A Community-Based Approach	\$0	\$0	\$15,000	
100	2016-02-07-01	HE/University of Delaware		Promoting Physical Activity After Knee Replacement; A Fitbit and Behavioral Counseling Intervention During Physical Therapy (FITBIT + PT)	\$0	\$0	\$199,998	
101	2016-02-07-02	HE/University of Delaware		Biogas to n-Butanol via Fermentable Sugars: Co-utilization of CO2 and CH4	\$0	\$0	\$31,731	
102	2016-02-07-03	HE/University of Delaware		Silicon Photonic Global Interconnect for High Performance Computing Solutions	\$0	\$0	\$28,846	
103	2016-02-07-04	HE/University of Delaware		Computer Human Cooperative Biocuration of The Scientific Literature	\$0	\$0	\$425,000	
104	2016-02-07-05	HE/University of Delaware		RII Track-2 FEF: Using Electric Vehicles to Balance Fluctuations in Offshore Wind Generation: A Realistic Experiment and an Implementation Model for the US East Coast	\$0	\$0	\$1,192,891	
105	2016-02-07-06	HE/Delaware State University		MRI: Acuisition of a Dynamic Light Scattering Goniometer for Particle Size and Zeta Potential Analysis of Biomolecules and Nanoparticles	\$143,695	\$0	\$0	
106	2016-02-07-07	HE/Delaware State University		1890 Facilities Grant Program	\$700,653	\$0	\$0	
107	2016-02-07-08	HE/Delaware State University		MRI: Development of High-Resolution, Sensing System for Detection of Ammonia, Methane and Carbon-Dioxide for Environmental and Biological Application	\$368,422	\$0	\$0	
108	2016-02-07-09	HE/Delaware State University		E- Interventions As A Means of Service Delivery Text Messaging	\$0	\$0	\$7,628,255	

Item	SAI#	Al# Applicant	Project Title		Funding	Positions	
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109	2016-02-07-10	HE/Delaware State University	DMREF: Collaborative Research: Design, Sunthesis and Characterization of Tuned Hydrogen Storage Materials Collaboration	\$514,749	\$0	\$0	
110	2016-02-07-11	HE/Delaware State University	Center of Optical Sciences and Imaging for Biomedical Applications	\$8,768,756	\$0	\$0	
111	2016-02-07-12	HE/Delaware State University	Landlords and Neighborhoods: Perspectives on Community Change and Gentrification	\$34,475	\$0	\$0	
112	2016-02-07-13	HE/Delaware State University	Broadening Participation Research: Campus vs. External Cultrual Impacts on Persistence Within STE	\$311,800	\$0	\$0	
113	2016-02-07-14	HE/Delaware State University	Wesley College, Bridging the Professional Development Gap	\$15,004	\$0	\$0	
114	2016-02-07-15	HE/Delaware State University	MRI: Acquisition of Seahorse to Measure Mitochondrial Metabolism at an HBCU	\$285,790	\$0	\$0	
115	2016-02-07-16	HE/Delaware State University	The Functional Properties of Duck Eggs	\$4,964	\$0	\$0	